

CONSTRUCTION EQUIPMENT 549962 VOLVO L220H 3382 - DIESEL ENGINE



Sample No: VCP454859

Oil Type: VOLVO ULTRA DIESEL ENGINE OIL 15W40 VDS-3

Job No: 549962

SAMPLE IN	IFORMATION			
Sample Number		VCP454859	 	
Sample Date		11 May 2024	 	
Machine Hours		6129	 	
Oil Hours		0	 	
Oil Changed		Changed	 	
Sample Status		ABNORMAL	 	
OIL CONDIT	TION			
Visc @ 100°C	cSt	6.4	 	
Base Number (BN)	mg KOH/g	■3.9	 	
Oxidation (PA)	%	104	 	
CONTAMIN	ΔTION			

CONTAI	MINATION			
Water	%	NEG	 	
Soot %	%	■ 0.5	 	
Nitration (PA)	%	98	 	
Sulfation (PA)	%	78	 	
Glycol	%	NEG	 	
Fuel	%	■ 0.4	 	
Silicon	ppm	A 82	 	
Sodium	ppm	■ 4	 	
Potassium	ppm	12	 	

AETAI C				
IE I WF7				
ppm	43			
ppm	<u>▲</u> 51			
ppm	4			
ppm	■ 4			
ppm	6			
ppm	■2			
ppm	93			
ppm	■ 2			
ppm	<1			
ppm	■<1			
ppm	■ 3			
ppm	<1			
	ppm	ppm	ppm ■43 ppm ■51 ppm ■4 ppm ■6 ppm ■2 ppm 93 ppm ■2 ppm <1	ppm 43 ppm 51 ppm 4 ppm 6 ppm 2 ppm 93 ppm 2 ppm <1

2				
ppm	1481			
ppm	■399			
ppm	1292			
ppm	961			
ppm	0			
ppm	14			
	ppm ppm ppm ppm	ppm	ppm	ppm 1481 ppm 399 ppm 1292 ppm 961 ppm 0



COVANTA

350 FLAKENBURG ROAD TAMPA, FL US 33619 Contact: SERVICE MANAGER

T: (813)684-5688

F:

Diagnosis

We advise that you check the air filter, air induction system, and any areas where dirt may enter the component. The oil change at the time of sampling has been noted. Resample at the next service interval to monitor. The copper level is abnormal. All other component wear rates are normal. Fuel content negligible. Elemental level of silicon (Si) above normal indicating ingress of dirt/seal material. The oil viscosity is lower than normal. Confirm oil type.

Depot:COVTAMUnique No:11035274Signed:Doug BogartReport Date:03 Jun 2024



CONSTRUCTION EQUIPMENT





